



SP 20-97

COAST GUARD SPECIAL PERMIT 20-97

This Special Permit is issued pursuant to 46 CFR 148.01-9 of the U.S. Coast Guard (USCG) Carriage of Solid Hazardous Materials in Bulk Regulations to authorize bulk shipments of a Contaminated Soil containing Hazardous Substances (cyanides and naphthalene) under the conditions described below. This permit does not relieve any shipper or carrier from compliance with any applicable requirement of 46 CFR 148 except as specifically provided for herein.

1. **BASIS** - RETEC, Inc. facsimile letter of September 17, 1997.
2. **COMMODITY** - A contaminated soil from the Levee Station site, St. Paul, MN, containing reportable quantities of cyanide and naphthalene and trace amounts of other hydrocarbon and chemical contaminants. The cyanide is in the form of an iron-complexed cyanide.
3. **PROPER SHIPPING NAME AND UN NUMBER** -

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS CYANIDE AND NAPHTHALENE), UN 3077.
4. **REGULATION WAIVED OR AFFECTED** - 46 CFR 148.01-7.
5. **AUTHORIZED SHIPPER** - Northern States Power Company, 512 Niccolet Mall, 8th Floor, Minneapolis, MN 55401.
6. **MODE OF TRANSPORTATION** - Covered unmanned barge.
7. **HAZARD CLASSIFICATION** -

Class 9.
8. **PROPERTIES** - The contaminated soil is a solid soil/ash composite material having a blue color and an organic odor. It has a typical moisture content of approximately 20%.
9. **SPECIAL TRANSPORTATION REQUIREMENTS** -
 - a. The shipments must be made to or from a designated waterfront facility that meets the requirements of 33 CFR 126.05(a) or a midstream anchorage acceptable to the cognizant Coast Guard Captain of the Port.
 - b. The cognizant Coast Guard Captain of the Port must be informed at least 24 hours in advance of both loading and unloading operations.

- c. The loading and unloading operations must be supervised by a person familiar with the safety precautions and emergency procedures associated with handling the material covered by this permit.
 - d. The loading and unloading operators must be trained in the appropriate safety precautions and emergency procedures for handling the material covered by this permit.
 - e. Precautions must be taken to minimize personnel exposure to dust, including maintenance of OSHA Permissible Exposure Limits (PELs). Persons working in contact with the material covered by this permit must wear protective clothing and gloves. If clothing becomes contaminated, it must be cleaned before reuse. When necessary, and in accordance with OSHA regulations (29 CFR 1910.134), dust respirators must be worn.
 - f. During loading and unloading operations, smoking, eating and drinking shall be prohibited in cargo compartments and on the deck of the barge, and in the vicinity of cargo handling operations.
 - g. During loading and unloading operations, precautions must be taken to minimize dispersal of this material to the environment. Tarpaulins or plastic sheeting may be used over decks and water to collect any release of material. The material must be sufficiently moist during loading and unloading to prevent the generation of dust.
 - h. The hatch covers of the cargo compartments of the barges used under the terms of this permit must be closed at all times the material is on board except during loading and unloading.
 - i. No one may enter a cargo compartment containing the material covered by this permit unless --
 - (1) An emergency situation exists and the person entering is wearing appropriate self-contained breathing apparatus; or
 - (2) The atmosphere in the cargo compartment has been tested and contains oxygen at a concentration of not less than 19.5%.
 - j. Each bill of lading, shipping order or other shipping paper issued in connection with a shipment under the terms herein, must bear the notation **"USCG Special Permit 20-97."**
 - k. Whenever the material covered by this permit is being transported by barge, a copy of this permit and the shipper's MSDS must be on board the tug or towing vessel. When the barge is moored, a copy of this permit and the shipper's MSDS must be left on the barge in a suitable location.
 - l. After the cargo is discharged, the cargo compartments of the barge must be thoroughly cleaned before a different cargo is loaded. Disposal of cargo residues and contaminated items must be in accordance with applicable EPA and State laws and regulations.
10. **REPORTING REQUIREMENTS** - Any incident or casualty occurring while shipping under the terms of this special permit shall be reported in accordance with 49 CFR 171.15 with a copy to the

Commandant (G-MSO-3), U.S. Coast Guard, 2100 2nd Street, SW, Washington, DC 20593-0001, at the earliest practical moment. Any release of cyanide or naphthalene in excess of its reportable quantity (RQ) must be reported as required by the EPA regulations in 40 CFR Part 302. In addition, a record of experience under the terms of this special permit including any casualties or difficulties encountered must be sent to the Commandant (G-MSO-3) with any request for renewal.

11. **EXPIRATION DATE** - December 1, 1997.

Authorized by:

K. S. COOK
Commander, U.S. Coast Guard
Chief, Hazardous Materials
Standards Division
By direction of the Commandant

DATE